

IN THE SPECIFICATION

Please replace original paragraph 0031 with the following amended version:

[0031] FIG. 5 shows the TJ solar cell 38 inside the solar panel 40. Also shown is the coating 42 on the coverglass 44. ~~FIG. 7 shows solar energy 46 entering the solar panel.~~ The NIR wideband reflector offers the same or more improvement with the UTJ solar cells. This NIR wideband reflector coating is applicable to all triple-junction cells. That is, if the 26.5% ITJ cell is used and the operating temperature is 44 degrees C. (typical GEO/MEO satellites), the operating conversion efficiency is decreased to 25.6%. If the NIR wideband reflector is used, the operating temperature drops 20 degrees C. and the operating conversion efficiency is increased to 26.7%. A gain of 1.1% absolute efficiency is achieved. If the 27.5% UTJ cell is used, the operating efficiency will be only 26.6% at the typical operating temperature of GEO/MEO satellites. The NIR wideband reflector coating will decrease the solar cell operating temperature by 20 degrees C. and increase the UTJ cell's electrical conversion efficiency to 27.7%.